

K072082

BioMeDevice Ltd.  
24931 Nellie Gail Rd.  
Laguna Hills, CA 92653  
Tel. 949-362-9407  
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NOV - 5 2007

## 510K SUMMARY

This summary of 510K safety and effectiveness information is being submitted in accordance with the requirements of 21 CFR 807.92.

The assigned 510K number is:

1. Submitter's Identification:

BioMeDevice Ltd.  
24931 Nielie Gail  
Laguna Hills, California 92653  
Telephone: 949-362-9407  
Facsimile: 949-362-

Contact Person: Brice Yoder, Office of the Chairman

Date of Summary: 7-27-07

2. Device Name: gumEase® dental mouthpiece

3. Classification Name: Not Classified

4. Predicate Device:

- a. K963666 – Instant Cold Pack by Kick Ice, Inc.
- b. K970399 - Kwik Kold™ Peri Cold Pack by Allegiance Healthcare Corporation.
- c. K002066 – Freezer Teether by Cool Baby Inc.

5. Intended Use: The gumEase<sup>®</sup> dental mouth piece provides temporary relief from oral discomfort resulting from dental work, brace pain, denture irritation, post surgical pain, or minor oral trauma.
6. Device Description/ Comparison: The gumEase<sup>®</sup> dental mouth piece is manufactured from biocompatible plastic tubing that is filled with a NaCl solution. Substantial equivalent to the predicate devices was established by principle of operation, device design and similarity of indication of use. Biocompatibility testing was performed in accordance with the ISO 1993 guidelines and all test results demonstrated that the gumEase<sup>®</sup> dental mouth piece is biocompatible.



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

NOV - 5 2007

Dr. Brice L. Yoder  
Chief Executive Officer  
BioMeDevice, Limited  
24931 Nellie Gail Road  
Laguna Hills, California 92653

Re: K072082  
Trade/Device Name: GumEase® Dental Mouth Piece  
Regulation Number: 872.5550  
Regulation Name: Teething Ring  
Regulatory Class: II  
Product Code: KKO  
Dated: October 25, 2007  
Received: October 26, 2007

Dear Dr. Yoder:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

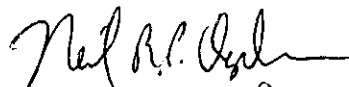
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,



Chiu Lin, Ph.D. *for*  
Director

Division of Anesthesiology, General Hospital,  
Infection Control and Dental Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

## Indications for Use

510(k) Number (if known):

K072082

Device Name: gumEase® dental mouth piece

### Indications For Use:

The gumEase® dental mouthpiece provides temporary relief from oral discomfort resulting from dental work, brace pain, denture irritation, post surgical pain or minor oral trauma.

Prescription Use ☒  
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use ☒  
(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In Vitro Diagnostic Devices (OVD)

*Susan Pinares*

(Official Sign-Off)  
Division of Anesthesiology, General Hospital,  
Infection Control, Dental Devices

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